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<p>(21) International Application Number: PCT/US99/26048</p> <p>(22) International Filing Date: 4 November 1999 (04.11.99)</p> <p>(30) Priority Data:</p> <table> <tr><td>60/172,255</td><td>4 November 1998 (04.11.98)</td><td>US</td></tr> <tr><td>60/172,252</td><td>24 November 1998 (24.11.98)</td><td>US</td></tr> <tr><td>60/172,214</td><td>22 December 1998 (22.12.98)</td><td>US</td></tr> <tr><td>60/121,896</td><td>26 February 1999 (26.02.99)</td><td>US</td></tr> </table> <p>(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Applications</p> <table> <tr><td>US</td><td>60/172,255 (CIP)</td></tr> <tr><td>Filed on</td><td>4 November 1998 (04.11.98)</td></tr> <tr><td>US</td><td>60/172,252 (CIP)</td></tr> <tr><td>Filed on</td><td>24 November 1998 (24.11.98)</td></tr> <tr><td>US</td><td>60/172,214 (CIP)</td></tr> <tr><td>Filed on</td><td>22 December 1998 (22.12.98)</td></tr> <tr><td>US</td><td>60/121,896 (CIP)</td></tr> <tr><td>Filed on</td><td>26 February 1999 (26.02.99)</td></tr> </table> <p>(71) Applicant (for all designated States except US): INCYTE PHARMACEUTICALS, INC. [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).</p>		60/172,255	4 November 1998 (04.11.98)	US	60/172,252	24 November 1998 (24.11.98)	US	60/172,214	22 December 1998 (22.12.98)	US	60/121,896	26 February 1999 (26.02.99)	US	US	60/172,255 (CIP)	Filed on	4 November 1998 (04.11.98)	US	60/172,252 (CIP)	Filed on	24 November 1998 (24.11.98)	US	60/172,214 (CIP)	Filed on	22 December 1998 (22.12.98)	US	60/121,896 (CIP)	Filed on	26 February 1999 (26.02.99)	<p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): HILLMAN, Jennifer, L. [US/US]; 230 Monroe Drive, #12, Mountain View, CA 94040 (US). YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). TANG, Y., Tom [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). LAL, Preeta [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US). CORLEY, Neil, C. [US/US]; 1240 Dale Avenue, #30, Mountain View, CA 94040 (US). GUEGLER, Karl, J. [CH/US]; 1048 Oakland Avenue, Menlo Park, CA 94025 (US). BAUGHN, Mariah, R. [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). AZIMZAI, Yalda [US/US]; 2045 Rock Springs Drive, Hayward, CA 94545 (US). LU, Dyung, Aina, M. [US/US]; 55 Park Belmont Place, San Jose, CA 95136 (US).</p> <p>(74) Agents: BILLINGS, Lucy, J. et al.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).</p> <p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published Without international search report and to be republished upon receipt of that report.</p>
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<p>(54) Title: MEMBRANE TRANSPORT PROTEINS</p> <p>1 M----- 1720440 1 MR A P G A G T A S V A S L A L L W F L G L P W T W S A A A GI 2612939</p> <p>2 ----- 1720440 31 A F C V Y V G G G G W R F L R I V C K T A R R D L F G L S V GI 2612939</p> <p>2 ----- 1720440 61 L I R V R L E L R R H R R A G D T I P C I F Q A V A R R Q P GI 2612939</p> <p>2 ----- 1720440 91 E R L A L V D A S S G I C W T P A Q L D T Y S N A V A N L F GI 2612939</p> <p>2 ----- 1720440 121 R Q L G F A P G D V V A V F L E G R P E F V G L W L G L A K GI 2612939</p> <p>17 L G V R E A A L I N T N L R R D A L L H C L T S R A R A L V 1720440 151 A G V V A A L L N V N L R R E P L A F C L G T S A A K A L I GI 2612939</p> <p>(57) Abstract</p> <p>The invention provides human membrane transport proteins (MTRP) and polynucleotides which identify and encode MTRP. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating, or preventing disorders associated with expression of MTRP.</p>																														